



# DURETTA

*A fireproof, non-warping, non-shrinking  
substitute for wood or metal.*

These pages are intended to serve merely as an introduction to the uses and possibilities of Duretta and are in no sense a catalog. The range of Duretta uses is very wide, and much of our work is from special designs. If stock models are used, the cost is subject to variations in sizes and quantities. Therefore, it is not practical to issue any comprehensive catalogs with price lists of this material. We are prepared to furnish estimates promptly on designs submitted to us. Or, if given definite information as to the general type of work, size, and quantities, we will prepare sketches, utilizing our stock designs where possible, if desirable. This service is rendered without obligation.

## *Composition and Uses*

Duretta is a fibrous composition cast in gelatin moulds, and reinforced with metal where necessary. Because of its economy, durability, and fireproof qualities, it is desirable for a wide range of uses in place of iron or woodwork, for example: Wainscots and Panels (Pages 3 to 6), Doors (Pages 7 and 8), Grilles (Pages 9 to 11), Ceilings (Page 12), Columns, Capitals, Brackets, Balustrades, Railings (Page 12), Lighting Fixtures (Page 13), Mantels (Page 14), Frames, Mouldings, Ornaments (Page 14), Exterior half timber work (Pages 15 and 16).

Duretta is also being extensively used in a polished steel finish as a substitute for various types of modernistic iron work.





*Panelled and carved wainscoting in Duretta. Park Central Hotel lobby, New York City. Edmund L. Ellis, Architect.*

## *Types of Composition*

There are three distinct types of Duretta which should be specified according to their respective uses.

*DURETTA WOOD COMPOSITION* — in which the grain and finish of any wood are faithfully reproduced.

*DURETTA IRON COMPOSITION* — the natural finish of which is similar to hammered iron; also polished steel finish.

*DURETTA EXTERIOR COMPOSITION* — similar to the above types, but given a special treatment which renders it weatherproof.

## *Characteristics of Duretta*

In durability Duretta is comparable to wood, and will not warp or shrink. It is easily erected and can be secured in place with nails or screws, or sometimes with narrow mouldings. It can easily be stained, painted or gilded.

It is fireproof. The Bureau of Buildings of New York City has approved it for use in fireproof buildings.



*President's office, F. Schumacher & Co., New York City, panelling done in Duretta. Hoggson Bros., Architects.*





*Duretta panelling in the president's office, Lord & Thomas and Logan, New York City.  
V. C. Farrar, Architect.*

## *Cost*

The cost depends largely on the variations in size and quantity of the casts, and the number of pieces that can be cast from one mould. Also on whether stock moulds are to be used or those of original design. In general, if the design includes carving, the cost will be considerably less than that of wood. Otherwise, the saving as compared to the wood will depend on the proportion of repetition, that is, the extent to which a given number of moulds can be used for the necessary number of casts.





*Duretta panelling, door panels, ceiling, etc., in Exhibition of Architecture and Allied Arts, New York City.*

## *Wainscots and Panelling*

Some successful applications of Duretta wainscots and panelling are illustrated on pages 3 to 6. Duretta wainscots are cast in sections of one to four panels in width, and are screwed to wood grounds or applied to any wall that presents an even surface. The cost depends largely on the number of different panel sizes, each of which requires a different mould. Approximate prices can be furnished, provided we are given a sketch showing the dimensions of the various wall spaces.





*Details of panelled and carved wainscoting in Duretta, shown at top of page 3.*

## *Door Panels*



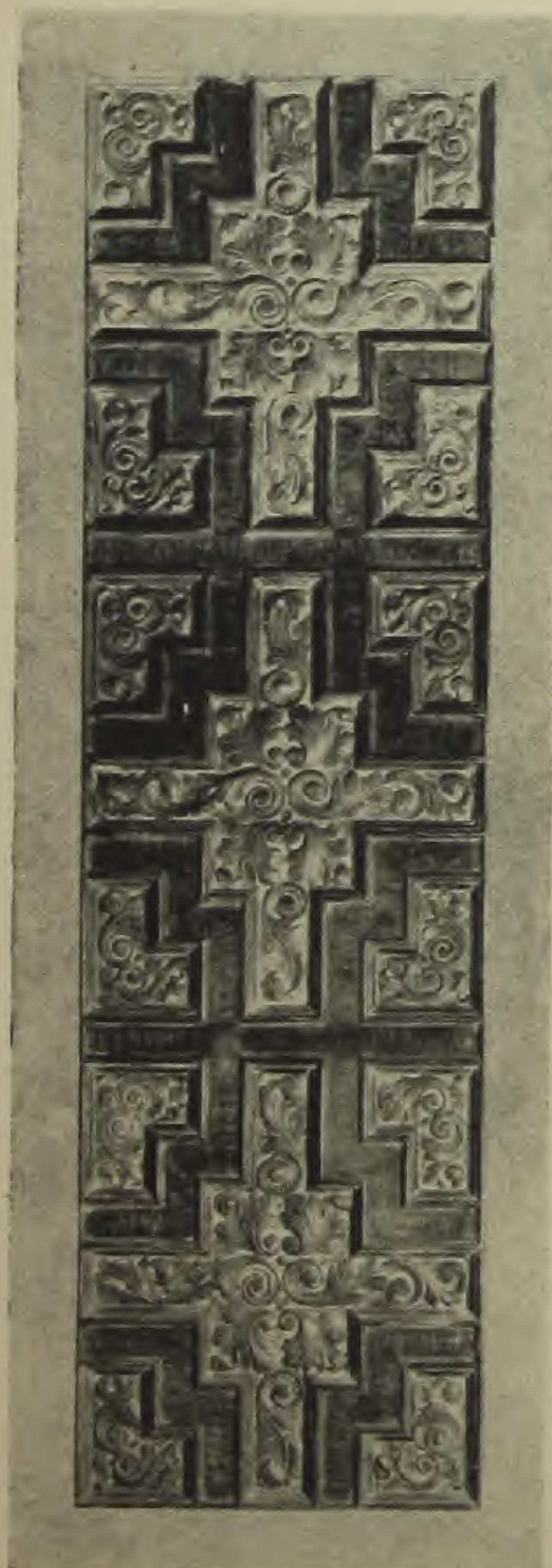
*Reproduction in Duretta of an antique English Gothic panel.*

Five designs for door panels in Duretta are shown on pages 7 and 8. They are cast in one piece and can be inserted in wooden or fireproof metal doors and secured with narrow mouldings, or by screws. We will furnish prices for complete doors, or for panels alone, if given exact sizes.





*Duretta panelling and door panels, private dining room, New York Times Annex, New York City. Ludlow & Peabody, Architects.*



*Duretta door panel. Design No. D-123. Size 19 in. by 66 1/4 in.*

*Reproduction of a Tudor period door panel at Lydiat Hall, Lancashire. Duretta design No. D-136. Size 26 in. by 71 in.*







*Duretta door panel. Design  
No. D-107. Size 24 in. by  
65½ in.*

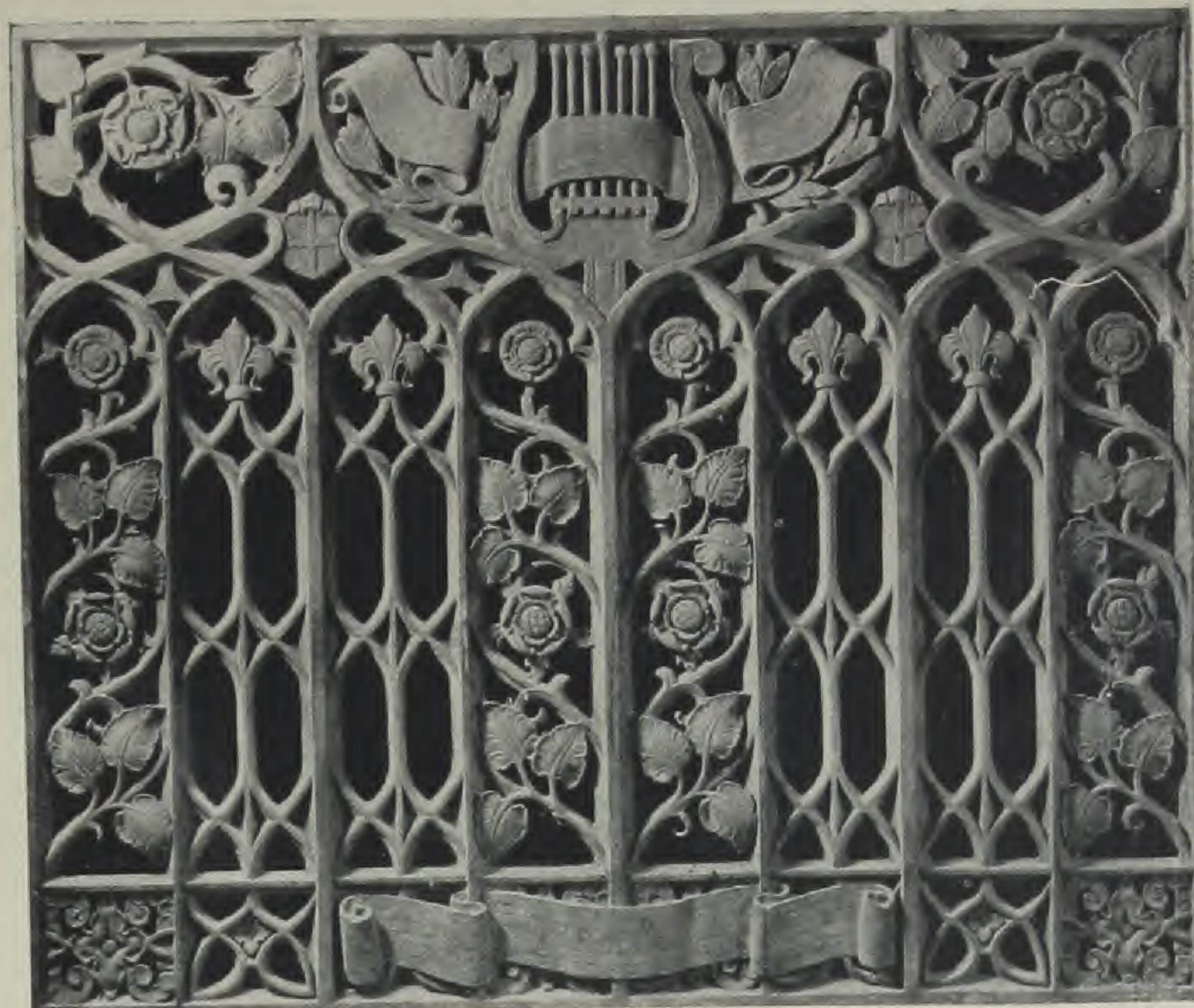


*Duretta door panel. De-  
sign No. D-106. Size 28  
in. by 72 in.*

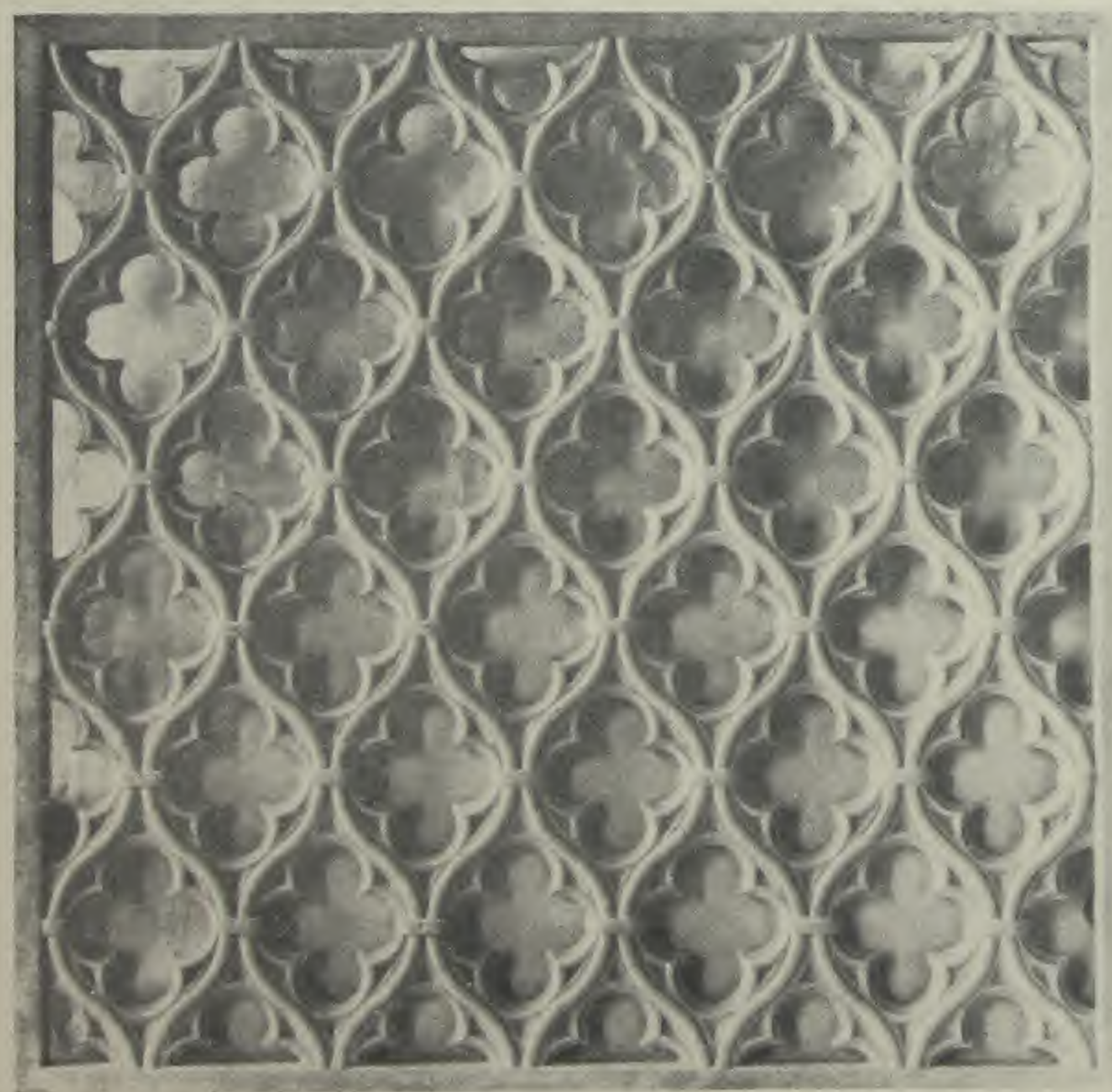


## Grilles

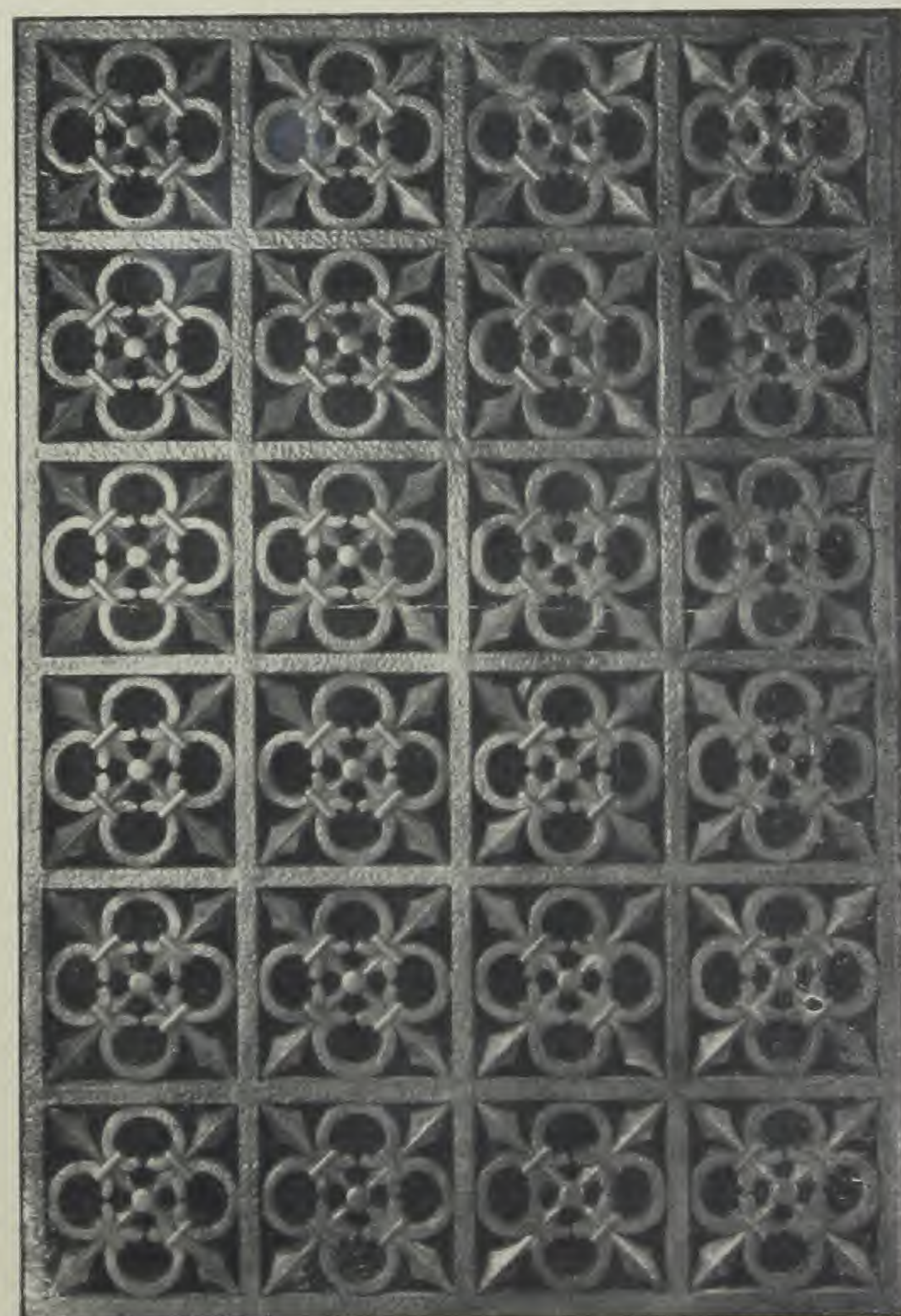
Duretta grilles are furnished unfinished in Duretta imitation wood, or imitation iron compositions, or they may be had in bronze, gilt, verde antique, rusty iron, and various other finishes. Some attractive stock designs of Duretta Grilles are illustrated on pages 9 to 11. Prices will be quoted upon receipt of exact sizes and quantities required.



*Duretta organ grille. An example of the beauty possible with Duretta.*



*Duretta Grille. Design No. D-100. Size of motif, 6½ in. by 4 in.*



*Duretta Grille. Design No. D-105. Size of motif, 4 by 4 inches.*



*Organ grille in Duretta, Church  
of the Ascension, Mt. Vernon,  
N. Y. George M. Bartlett,  
Architect. See design  
No. D-126 below.*

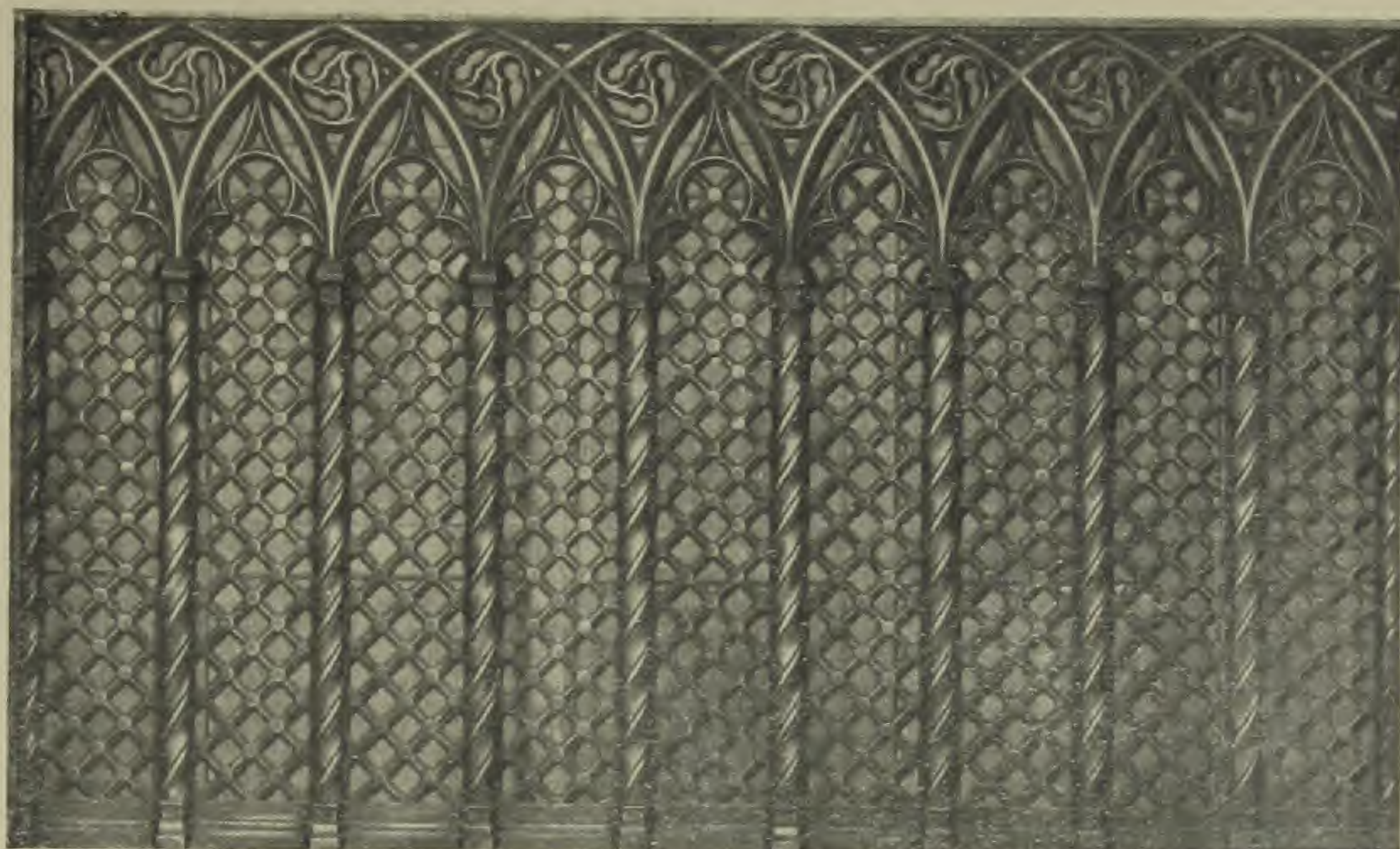


*Duretta grille. Design No.  
D-126. Size as above,  
24 in. by 24½ in.*

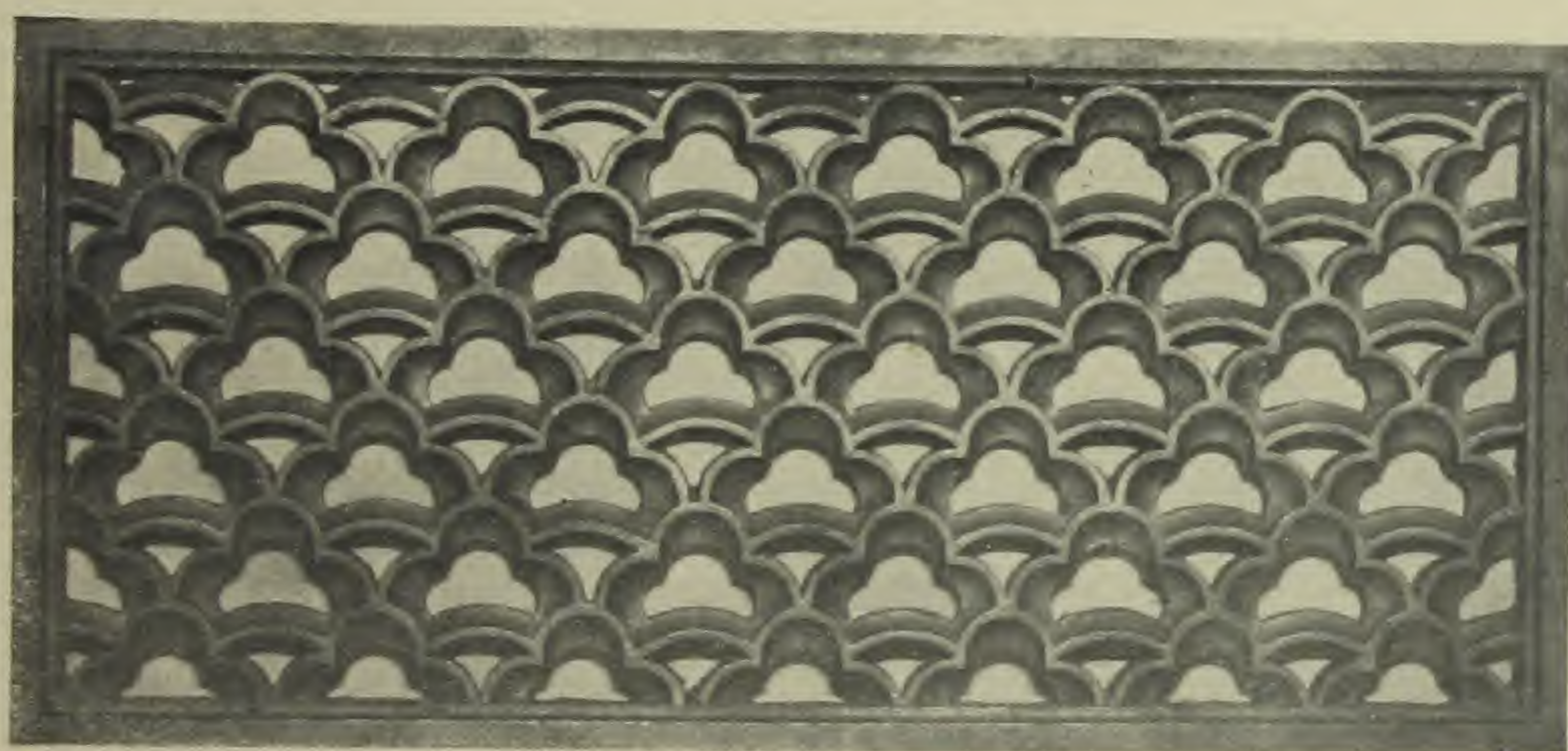


*Duretta grille. Design  
No. D-102. Size of mo-  
tif 2¼ in. by 2¼ in.*

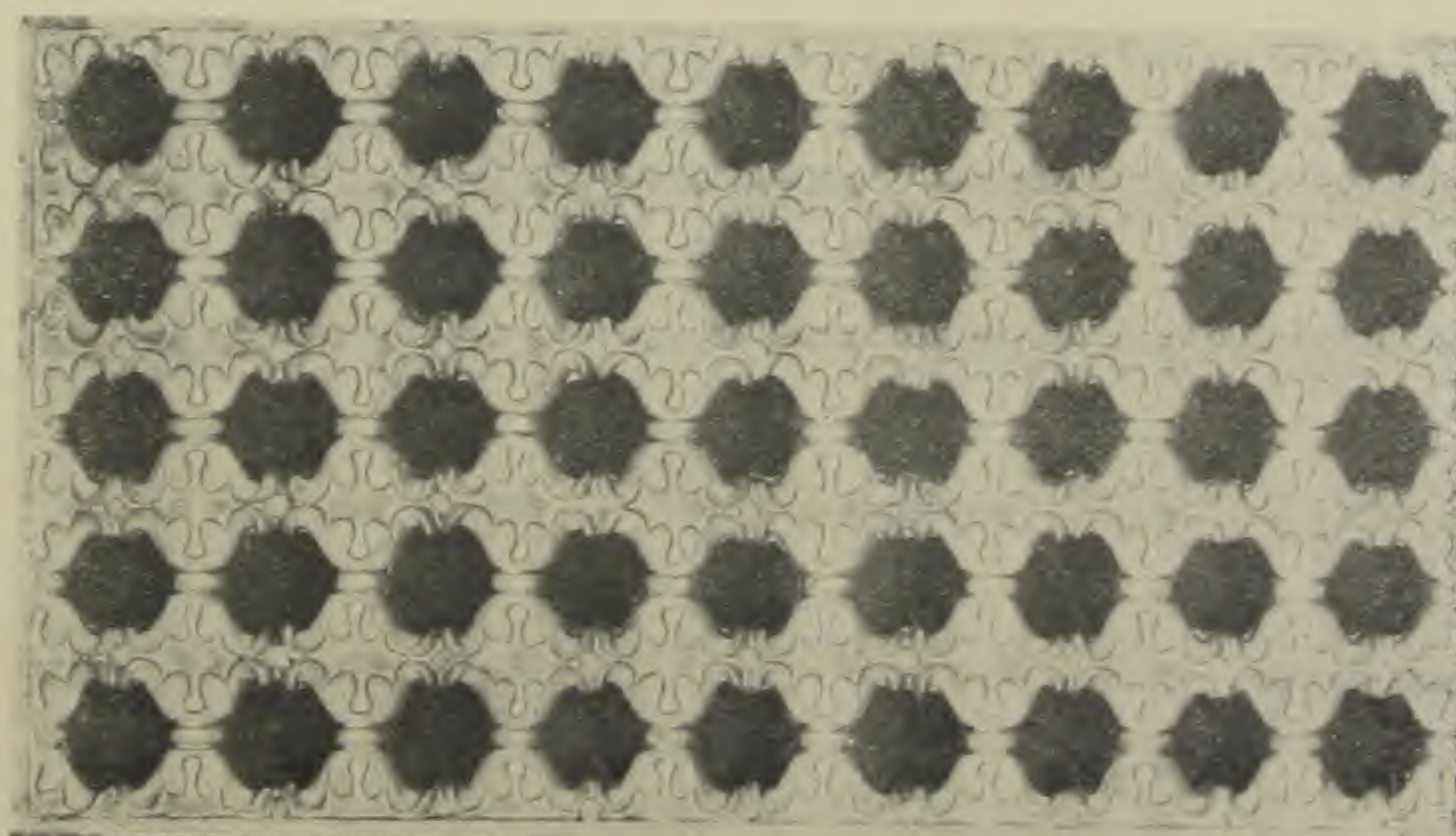




*Duretta grille. Design No. D-113. Size  
72 in. by 44 in.*



*Duretta grille. Design No.  
D-103. Size of motif 4 in.  
by 4 in.*



*Duretta grille. Design  
No. D-104. Size of mo-  
tif 3 in. by 3 in.*



## *Ceilings, Columns, Balustrades, Etc.*



*Reproduction of an antique carved wood ceiling. Durretta Design No. D-111.*

*The Duane, 237 Madison Avenue, New York City. Andrew J. Thomas, Architect. The railing, columns and capitals are done in Durretta.*





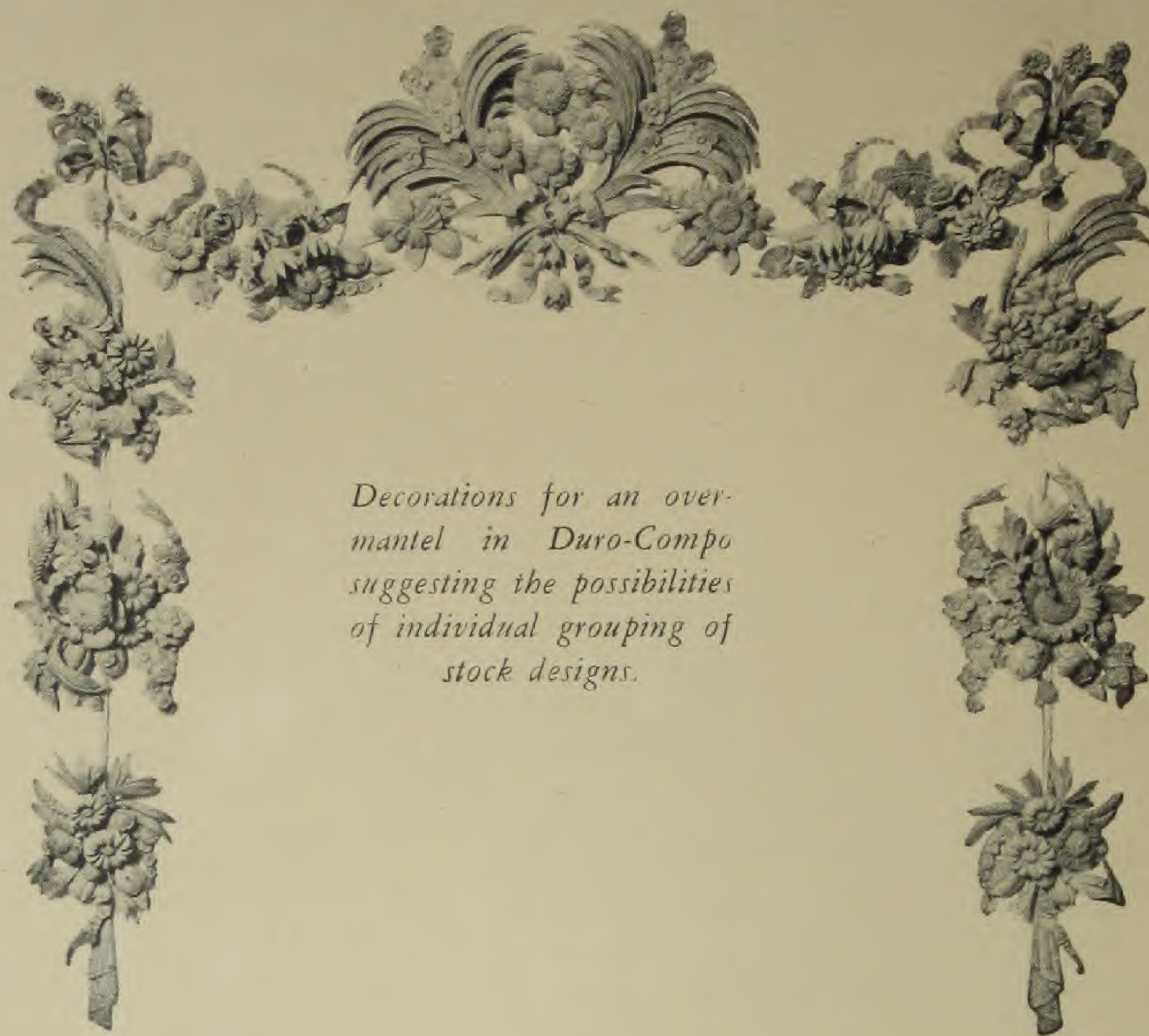
## *Lighting Fixtures*

We design and manufacture all types of lighting fixtures, such as brackets, floor and table standards, and ceiling fixtures in Duretta and Duro-Compo, in connection with our regular line of brass, bronze, iron and other lighting fixtures.



*Duretta two-light wall fixture.  
Design No. A-1375.*





*Decorations for an over-  
mantel in Duro-Compo  
suggesting the possibilities  
of individual grouping of  
stock designs.*



*A Colonial mantel in Duretta.  
Design No. D-109.*

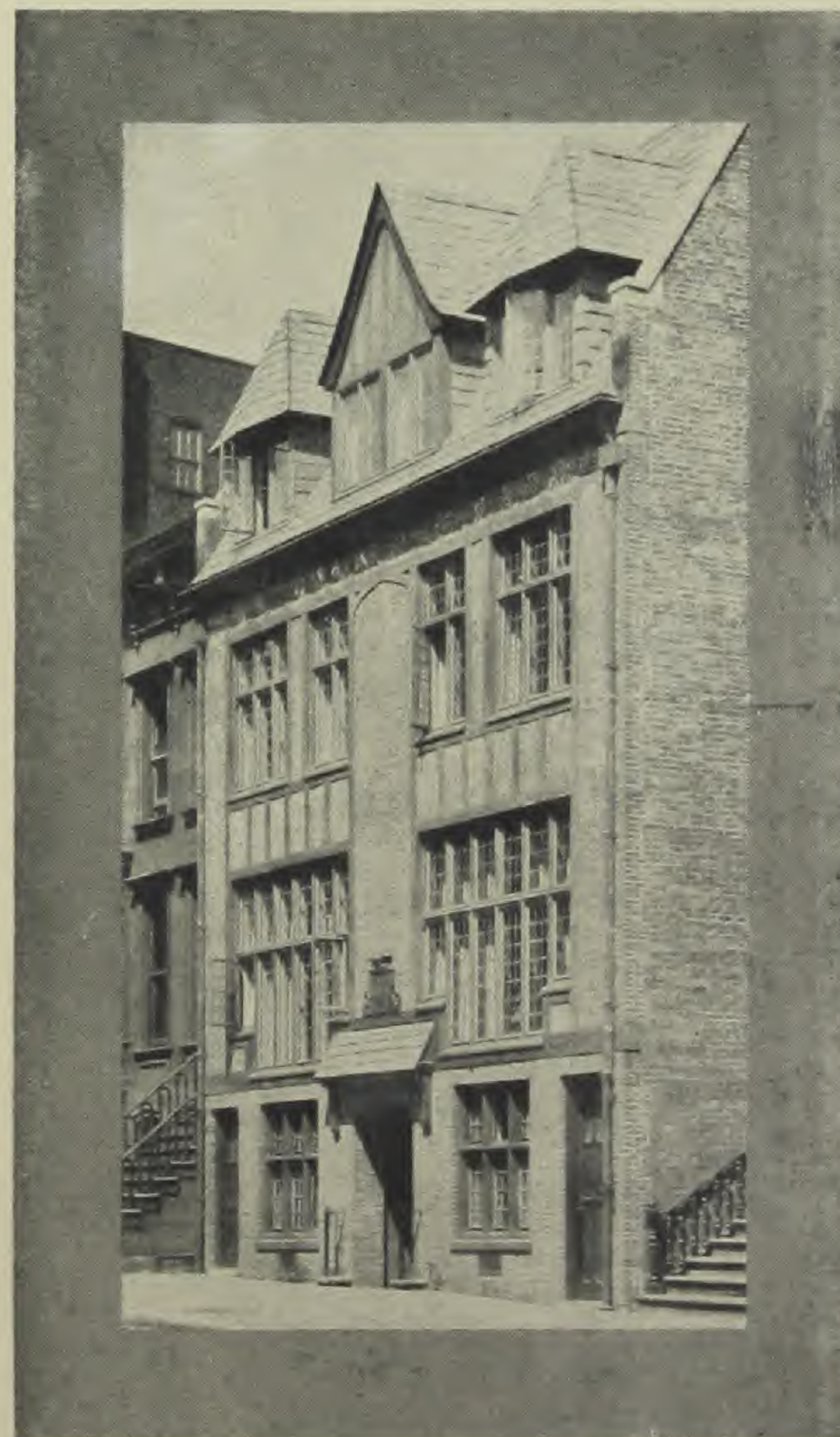


*Doorway and front elevation of the residence of Efrem Zimbalist, New York City, showing Duretta half timber work for exterior use. Grosvenor Atterbury, Architect.*



## *Exterior Half Timber Work*

Duretta composition prepared for exterior use has withstood all conditions of weather for years. The cost will depend on the quantity of pieces of a given size and pattern that are required, and on the number of such patterns. Exact dimensions must be furnished us, with this information, to obtain approximate cost estimate. On pages 15 and 16 are three views showing the use of Duretta for this purpose.







*Photo shows full length used at end  
of the Tucker Building, New York City.  
Henry A. King, Architect.*

**G. E. WALTER**  
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ARCHITECTURAL DRAWING

INTERIOR AND EXTERIOR

EXHIBITION AND LANDING FOR WORKING